

THE EAST END
MATERNITY HOSPITAL,
COMMERCIAL ROAD,
E. 1.

CLINICAL REPORT

For the Year

1937





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Table showing the number of pupils trained, the number of patients delivered in the Hospital since its foundation, and the number delivered at their own homes during the same period, with the number and causes of deaths.

Pupils trained.		"Home" opened at Glamis Road, Shadwell, December 6th, 1884.	No. of Beds.	IN-PATIENTS.			OUT-PATIENTS.		
Midwifery	Maternity			Delivered.	Died.	Causes of Deaths.	Delivered.	Died.	Causes of Deaths.
		4 Years 5 months ending April 30th, 1889.	"	427	1	Haemorrhage from lungs, 9½ hours after delivery	—	—	
		Removal to No. 396. Commercial Road, E.	13	—	—		—	—	
		Year ending Apl. 30, 1890.	"	150	1	Exhaustion.	—	—	Department started September 1st, 1891.
		" " " " 1891.	"	143	1	Puerperal septicæmia.	—	—	
		Year & 8 months ending Dec 31st 1892.	"	224	—		233	To Dec. 31, 1892.	
		" " " " 1893.	"	194	1	{ Failure of heart's action, 15 hours after delivery; brought from a distance suffering from severe bronchitis.	257	1	Secondary hæmorrhage after placenta prævia.
		" " " " 1894.	"	218	1	Failure of heart's action, soon after delivery.	284	2	{ Exhaustion after accidental hæmorrhage within 3 hours, 1; peritonitis and pneumonia within a week, 1
		" " " " 1895.	"	230	4	Pneumonia, 3; diarrhoea, 1.	259	—	
		" " " " 1896.	"	233	1	Exhaustion after labour and bronchitis.	274	—	
		" " " " 1897.	"	237	3	{ Eclampsia, 1; bronchitis, 1 (suffering from a severe attack when admitted); syncope 1 (the subject of valvular heart disease).	241	—	
		Extension of Premises. Year ending Dec. 31, 1898.	18	255	—	{ 10 days after confinement, Chronic Bright's disease.	293	2	Syncope, consequent on accidental hæmorrhage.
		" " " " 1899.	"	264	1	Syncope and bronchitis.	255	—	
		" " " " 1900.	"	248	1		286	2	{ Pneumonia, 1; syncope, after secondary hæm- orrhage, 1.
		" " " " 1901.	"	198	—		329	1	Heart disease
		" " " " 1902.	19	313	—		367	—	
		Further Extension of Premises. Year ending Dec. 31, 1903.	26	344	1	{ Shock, consequent on heart disease, a few days after delivery.	422	—	
		" " " " 1904.	"	377	—	Ante-partum hæmorrhage.	453	1	{ Exhaustion after secondary hæmorrhage (4 weeks after confinement).
		" " " " 1905.	"	382	1	{ Shock, consequent on severe ante-partum hæmorrhage, 1; sepsis, occurring a fortnight after normal labour, 1 (suffering from a septic disease when admitted).	510	—	
		" " " " 1906.	"	430	2	{ Exhaustion and shock, after severe ante-par- tum hæmorrhage, sent in too late for help, 1; exhaustion, supervening on acute tuberculo- sis of the small intestine 3 weeks after premature delivery, 1.	458	—	
		" " " " 1907.	"	433	2		541	—	
		No. 393, Commercial Rd., Freehold purchased, and extensive Building Im- provements commenced.							
52	7	Year ending Dec. 31, 1908.	33	498	—		708	—	

51	23	"	"	"	"	558	—	{ Ante-partum hæmorrhage. Pelvic cellulitis.	1,939	—	—	Syncope, two hours after normal labour
53	27	"	"	"	1910.	528	2		1,021	1		
61	17	"	"	"	" 1911.	621	—		920	—		
		No. 394, Commercial Rd., Freehold purchased.	"	"	" 1912.							
60	19	Year ending Dec. 31, 1913. Building and Equipment of Annex, No. 394, Com- mercial Road.	"	"	" 1913.	445	3	{ Eclampsia, urine solid with albumen, 1; ante-partum hæmorrhage, 20th pregnancy; died an hour after delivery, 1; contracted pelvis, deformed infant, enlarged liver, etc., albuminuria, 1.	1,055	—		
58	13	Year ending Dec. 31, 1914.	"	"	" 1914.	553	2	{ Concealed ante-partum hæmorrhage. Patients been feeling ill for some time, and when seen only lived to be delivered of dead infants.	992	1		{ Concealed ante-partum hæmorrhage. Patient been feeling ill for some time, and when seen only lived to be delivered of dead infant.
61	21	"	"	"	31, 1915.	549	—	Consumption 1; accidental hæmorrhage 1.	1,166	1		Heart failure, consequent on valvular disease.
43	17	"	"	"	" 31, 1916.	679	2	Eclampsia.	1,091	1		Concealed accidental hæmorrhage.
40	6	"	"	"	" 31, 1917.	643	1	Eclampsia.	919	2		{ Pneumonia. Concealed accidental hæmorrhage.
45	8	"	"	"	" 31, 1918.	757	2	Eclampsia; influenza pneumonia 2.	761	2		Double pneumonia; influenza pneumonia
59	5	"	"	"	" 31, 1919.	801	2	Eclampsia; syncope due to heart disease	1,080	—		
59	5	"	"	"	" 31, 1920.	988	—	Pneumonia; morbis cordis and phthisis.	1,481	—		
58	5	"	"	"	" 31, 1921.	1,024	2		1,321	—		
		New Ward opened.	"	"	" 31, 1921.							
59	1	Year ending Dec. 31, 1922.	"	"	" 1922.	1,024	2	Influenza and pneumonia; pneumonia.	1,310	1		Rupture of uterus.
61	1	Year ending Dec. 31, 1923.	"	"	" 1923.	1,020	1	Accidental hæmorrhage.	1,262	—		
58	7	"	"	"	" 31, 1924.	999	—	Septicæmia.	1,119	—		Heart Disease.
53	11	"	"	"	" 31, 1925.	1,087	1		1,092	1		
		Nos. 384-392 Commercial Road, freehold purchased.	"	"	" 31, 1925.							
50	7	Year ending Dec. 31, 1926.	56	"	" 1926.	1,219	1	Ante-partum hæmorrhage.	893	—		
30	14	"	"	"	" 31, 1927.	1,241	1	Phlegmasia Alba dolens.	820	—		
30	14	"	"	"	" 1928.	1,276	2	1 Syncope; 1 an unbooked patient Hyper- emesis, early miscarriage.	788	—		
		Name of Inst'n. changed	"	"	" 1928.							
42	19	Year ending Dec. 31, 1929	"	"	" 1929	1,310	2	Concealed accidental hæmorrhage; abortion Malignant endocarditis 1.	610	1		Influenza.
43	11	"	"	"	" 31, 1930.	1,450	2	Sepsis; 1 Influenza Pneumonia (undelivered)	616	—		
40	12	"	"	"	" 31, 1931.	1,437	4	1 Inversion of uterus; 1 Rupture of uterus (died undelivered) 1 Tuberculous peritonitis; 1 Ante-partum hæmorrhage.	528	—		
49	11	"	"	"	" 31, 1932	1,466	4	2 Heart disease; 1 Septicæmia; 1 Ante- partum hæmorrhage.	472	2		1 Embolism; 1 Pneumonia.
44	21	"	"	"	" 31, 1933.	1,403	—	1 Septicæmia; 1 Placenta Prævia; 1 Bron- chitis; 1 Obstetric shock	369	—		
50	12	"	"	"	" 31, 1934.	1,574	4	1 Caesarean Section. 1 Craniotomy.	377	—		
45	9	"	"	"	" 31, 1935.	1,590	2	1 Toxaemia; 1 Embolism; 1 Meningitis	328	—		
47	6	"	"	"	" 31, 1936.	1,494	3	1 Ante-partum hæmorrhage; 1 Sepsis; 1 Rup- tured uterus	306	—		
51	—	"	"	"	" 31, 1937.	1,492	3		263	—		
1817	651	Totals				35,599	71		30,953	22		

MEDICAL STAFF.

Hon. Consulting Obstetric Surgeons.

- H. RUSSELL ANDREWS, ESQ., M.D., B.S.(Lond.), F.R.C.P.(Lond.),
M.R.C.S.(Lond.), F.C.O.G.
- SIR GEORGE BLACKER, C.B.E., M.D.(Lond.), F.R.C.P.(Lond.), F.R.C.S.(Eng.).
- MALCOLM DONALDSON, ESQ., B.A., M.B., B.Ch.(Cantab.), F.R.C.S.(Eng.),
L.R.C.P.(Lond.), F.C.O.G.
- WALTER S. A. GRIFFITH, ESQ., C.B.E., M.D.(Cantab.), F.R.C.P.(Lond.),
F.R.C.S.(Eng.).
- VICTOR J. F. LACK, ESQ., M.B., B.S., F.R.C.P. (Lond.), F.R.C.S. (Ed.),
F.C.O.G.
- LOUIS CARNAC RIVETT, ESQ., M.C., M.A. (Camb.), F.R.C.S (Eng.),
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Hon. Consulting Physician.

- SIR GOULD MAY, M.A., M.D.(Cantab.), M.R.C.P.(Lond.), M.R.C.S.(Eng.)

Hon. Consulting Paediatrician.

- LEONARD FINDLAY, ESQ., D.Sc. (Glas.), M.D. (Glas.), Ch.B. (Glas.),
F.R.C.P. (London).

Hon. Consulting Surgeons.

- SIR CHARLES GORDON-WATSON, K.B.E., C.M.G., F.R.C.S.(Eng.).
- A. E. MORTIMER WOOLF, ESQ., B.A., M.B., B.Ch.(Cantab.), F.R.C.S.(Eng.)
L.R.C.P. (Lond.).

Hon. Consulting Ophthalmic Surgeon.

- RUPERT S. SCOTT, ESQ., M.B., B.Ch. (Cantab.), F.R.C.S. (Eng.),
L.R.C.P.(Lond.).

Lecturer and Hon. Visiting Medical Officer,

- W. H. F. OXLEY, ESQ., M.R.C.S., L.R.C.P.(Lond.), F.C.O.G.

Assistant Medical Officer.

- PHILIP M. OXLEY, ESQ., M.R.C.S., L.R.C.P.(Lond.)

Hon. Pathologists.

- ARTHUR DAVIES, ESQ., M.D.(Lond.), M.R.C.P.(Lond.), M.R.C.S.(Eng.).
- F. TEMPLE GREY, ESQ., M.A. (Oxon.), M.B., Ch.M. (Sydney).

Hon. Sanitarian.

- LOUIS C. PARKES, ESQ., M.D.(Lond.), M.R.C.S.(Eng.).

THE EAST END MATERNITY HOSPITAL.

CLINICAL REPORT.

1937.

MATERNAL MORTALITY.

1. Case No 3968. Multipara, age 40, admitted with prolapse of cervix and offensive discharge. Temperature $100\cdot2^{\circ}$. Two days later, rigor; came into labour and delivered of a still-born stinking foetus. Transferred to Queen Charlotte's Isolation Hospital where she died.

P.M. Intense general peritonitis, uterus infected throughout, becoming gangrenous. Mixed infection of both peritoneum and blood. Hæmolytic streptococcus not present.

2. Case No. 3486. 11 Para, age 43. Continuous abdominal pain; no dilatation. Sudden collapse and death.

P.M. Uterine rupture into both broad ligaments. Heart wall thin and fatty.

3. Case No 3,915. A patient, had one miscarriage, admitted with a marginal placenta prævia. Labour was slow and delivery effected with forceps. There was a good deal of bleeding before delivery and atonic post-partum hæmorrhage from which she died.

CASES TRANSFERRED TO OTHER INSTITUTIONS.

5 cases of mastitis. Recovered.

6 cases which were to be attended on the district were admitted during labour and are included in the tables.

Ante-partum hæmorrhage	...	...	...	3
Hæmaturia	...	...	...	1
Toxæmia...	...	...	...	1
Home conditions	...	...	...	1

1988.

NUMERICAL SUMMARY.

Table I.

	In-Patients.	Out-Patients.	Total
PATIENTS DELIVERED	1,492	263	1,755
„ DIED UNDELIVERED	1	—	—
CASES OF ABORTION (included above)	2	—	—
Primiparae	644	14	658
Multiparae	848	249	1,097
INFANTS BORN	1,500	266	1,766
Sets of Twins	10	3	13
PRESENTATIONS.			
Vertex... ..	1,435	240	1,675
Brow	2	—	2
Face	7	1	8
Breech	51	6	57
Transverse	3	—	3
Complex (Head, cord foot & hand)	1	—	1
Born elsewhere or B.B.A.	1	19	20
4 of these presentations were complicated by cord.			
OBSTETRIC OPERATIONS.			
Hysterectomy	—	—	—
Cæsarean section	1	—	1
Inductions	46	—	46
Forceps	79	1	80
Version during labour	7	—	7
Manual extraction of Breech	27	—	27
Manual removal of Placenta or Membranes ..	7	—	7
ANTE-PARTUM HÆMORRHAGE			
Accidental	8	3	11
Placenta Prævia	12	—	12
PUERPERAL PYREXIA... ..	24	9	33
MATERNAL MORTALITY	3	—	3
NEO-NATAL DEATHS... ..	19	3	22
STILL-BIRTHS	40	5	45

Forceps rate 5%
 Breech rate 3·2%
 Maternal Pyrexia 1·9%
 „ Mortality 1·6 per thousand
 Stillbirth rate 2·5%
 Neo-Natal Death rate 1·2%

Ante-Natal Department.

The attendances at the Ante-Natal Clinic totalled 11,684 and 1,435 of these visits were made to the Medical Officer's Clinic.

The homes of all patients booked for attendance in the District were visited, and 462 special visits paid to those patients suffering from ante-natal disorders.

The following complications were treated during pregnancy :—

Table II.

CLASS I.				CLASS II.			
<i>Diseases proper to Pregnancy.</i>				<i>Diseases incidental to Pregnancy.</i>			
Albuminuria ...	...	...	68	Anæmia and Debility...	...	...	4
Primigravidæ ...	...	...	40	Morbus Cordis ...	...	...	6
Multigravidæ ...	...	...	28	Dermatitis... ..	...	...	3
			—	Other Diseases...	...	...	1
Pyelo-nephritis ...	...	...	13				
Purulent Vaginitis ...	...	...	1				
Hæmaturia ... ..	...	...	2				
			—				—
Total ...			84	Total ...			14

Of the above cases 31 were admitted for treatment during pregnancy, in 24 of these, induction was performed and 22 in addition were admitted for induction only. Although in all cases a Wassermann reaction was taken if the history was suspicious either pre-natally or post-natally, no specimen of blood proved positive.

External Cephalic Version for Breech Presentation.

	P.	M.	Total
Performed	28	80	108
Attempted unsuccessfully—			
Extended legs	3	3	6
Not attempted—			
Left for Teaching or undiscovered ...	20	15	35
One of twins	3	7	10
		—	—
Total original breech presentations			159

Presentations.

There have been 1,435 cases of Vertex presentation in the Hospital.

Occiput Anterior	...	...	...	1,291
„ Posterior	..	...	...	144

The treatment and result of occiput posterior positions is given below:—

Table III.

	Total Cases.	Children.		Died.
		Alive.	Stillborn.	
Spontaneous rotation and delivery	90	90	—	—
Spontaneous delivery unreduced	26	26	—	—
Forceps delivery after spontaneous rotation	—	—	—	—
Forceps after manual rotation	28	28	—	—
Forceps unreduced	—	—	—	—

Face Presentations.

7 cases; delivered spontaneously 5; anencephalic 2.

Brow Presentations.

2 cases; 1 converted to vertex; 1 to face.

Transverse Presentation.

3 cases; podalic version performed 2, cephalic 1.

Funis Presentation and Prolapse.

4 cases.

With vertex	...	...	2
„ breech	...	...	1
„ vertex foot and hand			1
Infants born alive	...		2

Breech Presentations.

	IN.	OUT.	TOTAL.
Number of cases	51	6	57
Born alive	47	4	51
Neo-natal Deaths	1	—	1
Born dead	4	2	6
Macerated	2		
Difficult Delivery	3		
B.B.A.	1		
Spontaneous delivery	27	4	31
Manual extraction	10	2	12
Forceps to after coming head	13	—	13
Cæsarean Section	1	—	1

Particulars of indoor breech presentations.

51 Cases—Primipara 26, Multipara 25, No complications 14, Extended Legs 21, One of Twins 10,
Other Complications 6.

Gravida.	Complications.	Method of Delivery.	Child. weight	Result.	Remarks.
			lbs. ozs.		
2	Extended legs	Manual & forceps to after-coming head	8—0	Stillborn	
1	"	"	6—8	Lived	
1	"	"	6—15	"	
1	"	"	7—10	"	
1	"	"	7—8	"	Morbis Cordis
1	"	"	5—10	"	
1	"	"	7—2	"	
1	"	"	5—0	"	
1	"	"	6—13	"	
1	"	"	7—0	"	
1	"	"	6—1	"	
2	"	"	7—14	"	
1	"	"	7—8	Stillborn	
1	"	Manual Extraction	6—1	Lived	
1	"	"	7—7	"	
1	"	"	7—3	"	
3	"	"	7—1	"	
1	"	"	6—9	"	
1	"	"	7—10	"	
1	"	"	5—7	"	
1	"	"	7—10	"	
1	"	Hook for legs	6—15	"	
1	"	Spontaneous	8—4	"	
1	"	Caesarean section	6—4	"	
1	"	Manual extraction	7—7	"	
1	"	Spontaneous		"	
	Prolapse of Cord				
	Contracted pelvis				
	Footling				
	"				

Particulars of indoor breech presentations.—Continued.

Gravida	Complications.	Method of Delivery.	Child, weight	Result.	Remarks.
			lbs. ozs.		
7	Twin	Spontaneous	4--8	Lived	
1	"	"	4--2	"	
3	"	"	7--3	"	
3	"	"	3--12	"	
6	"	"	7--9	"	
6	"	"	6--1	"	
2	"	"	6--10	"	
2	"	"	4--7	"	
1	"	"	5--6	"	
1	" Extended legs	Manual extraction	4--8	"	
2	No complications	Spontaneous	7--12	"	
2	"	"	7--1	"	
1	"	"	6--9	"	
3	"	"	7--1	"	
2	"	"	7 3	"	Anencephalus.
5	"	"	1--10	Mac. foetus	
3	"	"	2--9	Died	
3	"	"	6--15	Lived	
3	"	"	8--1	"	
4	"	"	7--0	"	
4	"	"	7--14	"	
11	"	"	5--9	"	
7	"	"	7--11	"	
2	"	"	8--8	"	
2	"	"		Macerated	
1	"	"	5--5	Alive	Mother had Influenza.

Obstetric Operations.

Forceps.

Table IV.

PRIMARY INDICATION.						In-Patients.	Out-Patients.	TOTALS.
Disproportion	...	...	...	...	...	6	1	7
Contracted Pelvis	...	...	...	...	...	6	—	6
Large Child	...	...	...	...	...	1	—	1
Occiput Posterior	...	...	...	...	...	26	—	26
Brow presentation	...	...	...	...	...	1	—	1
Uterine Inertia	...	...	...	...	...	14	—	14
Rigidity of Soft Parts	...	...	...	...	...	2	—	2
Transverse presentation	...	...	...	...	...	1	—	1
A.P.H.	...	...	...	...	...	3	—	3
Breech presentation	...	...	...	...	...	13	—	13
Fœtal distress	...	...	...	...	...	2	—	2
Face presentation	...	...	...	...	...	2	—	2
Prolapse of cord	...	...	...	...	...	1	—	1
Other Disease of Mother	...	...	...	...	...	1	—	1
Totals						79	1	80

1 mother died ; 5 had pyrexia
3 infants were stillborn.

Table V. Inductions.

INDICATION.						No. of Cases.	Result to Child.	
							Alive.	Stillborn
Post-Maturity	...	...	...	...	...	2	2	—
Hydramnios	...	...	...	...	...	1	1	—
Heart Disease	...	...	...	...	...	1	1	—
Contracted Pelvis	...	...	...	...	...	17	17	—
Albuminuria	...	...	...	...	...	24	23	1
Toxæmia, Contracted Pelvis	...	...	...	...	...	1	—	1
Totals						46	44	2

Table VI. Podalic version during Labour.

						In-Patients.	Out-Patients.	TOTALS.
Ante-partum hæmorrhage	...	...	...	...	...	3	—	3
Transverse presentation	...	...	...	...	...	2	—	2
Totals						5	—	5

Cæsarean Section (contracted pelvis and breech presentation) ... 1

Ante-partum Hæmorrhage—In-Patients.

Table VII.
Accidental Hæmorrhage 14 Cases.

Reg. No.	Gravida.	Variety.	Gestation (Weeks.)	Alb.	Treatment.	Result.	
						Mother	Child.
3062	1	Revealed ...	32	Nil	—	Sat.	(Died 20 hrs. later) Influenza before admiss.
3015	2	Concealed & Revealed	37	„	Membranes ruptured ; Binder ...	„	Alive
3132	2	Concealed ...	36	„	None ...	„	„
3255	1	Concealed ...	36	$\frac{1}{10}$	Membranes ruptured ; Binder ...	„	Stillborn
3621	1	Concealed ...	37	Trace	None ...	„	„
437	9	Revealed ...	40	Nil	Membranes ruptured ; Forceps delivery	„	Alive
361	10	Concealed ...	38	$\frac{1}{6}$	Membranes ruptured ; Binder ...	„	Stillborn
818	2	Concealed ...	40	Nil	Membranes ruptured ...	„	Alive

Ante-partum Hæmorrhage—In-Patients.

Table VIII.
Placenta Prævia.

Reg. No.	Gravida.	Variety.	Weeks gestation	Alb.	Treatment.	Result.	
						Mother.	Child.
3037	1	Marginal	40	—	Membranes ruptured; Douche and Binder	Sat.	Alive
3514	4	Central	37	—	Podalic version	"	Stillborn
3601	4	Marginal	40	—	Membranes ruptured; Binder	"	Alive
17	6	Marginal	40	$\frac{1}{2}$	Expectant	"	Alive
3915	1	Marginal (contracted pelvis)	38	$\frac{1}{2}$	Bougie induction; Forceps	Died	Stillborn
129	3	Marginal	40	—	Membranes ruptured; Forceps (Adherent placenta; P.P.H.)	Sat.	Alive
56c	3	Central	40	—	Podalic Version	"	Stillborn
575	2	Marginal (Vertex and cord)	36	—	Podalic Version	"	Alive
394	4	Marginal (Transverse lie)...	40	—	Podalic Version	"	Stillborn
552	5	Central	36	—	Vagina plugged	"	Stillborn
928	3	Marginal	40	—	Rupture of membranes; Douche & binder	"	Alive
915	4	Marginal (prolapse of cord)	40	—	Expectant	"	Stillborn

Maternal Pyrexia.

i.e., Temperature by mouth 100·4 for 24 hours, or
recurring within that period.

IN-PATIENT DEPARTMENT.

Table IX.

CLASS I.

CLASS II.

Septic absorption following ab- normal labour 5	Influenza 6
Pyelitis 1	Tonsillitis 1
Flushed breast 5	Dermatitis exfoliativa 1
Unknown Origin 1	Diarrhoea 1
Mastitis 3	
Total 15	Total 9

OUT-PATIENT DEPARTMENT.

Pyelitis 1
Influenza 3
Flushed breast 3
Sepsis 1
Mastitis 1
9

Table X.

STILLBIRTHS.				INFANTILE DEATHS.					
			Patients.					Patients.	
			In-	Out-				In-	Out-
Abortion			2		Prematurity			10	1
Disease of Mother—					Congenital Malformation			1	1
Albuminuria			1		Atelectasis			3	1
Breech			2	1	Malaena... ..			1	
A.P.H.			7		A.P.H. in Mother ...			1	
Macerated			9	2	Albuminuria in Mother			1	
Prematurity			2		Stenosis of Œsophagus			1	
A.P.H. and Prolapse of cord			2		Atresia of Intestines ...			1	
Disease of placenta ...			2						
Malformation			5	1					
Undetermined			7						
B.B.A. Breech				1					
Difficult Face			1						
Total			40	5	Total			19	3

